Figure 1

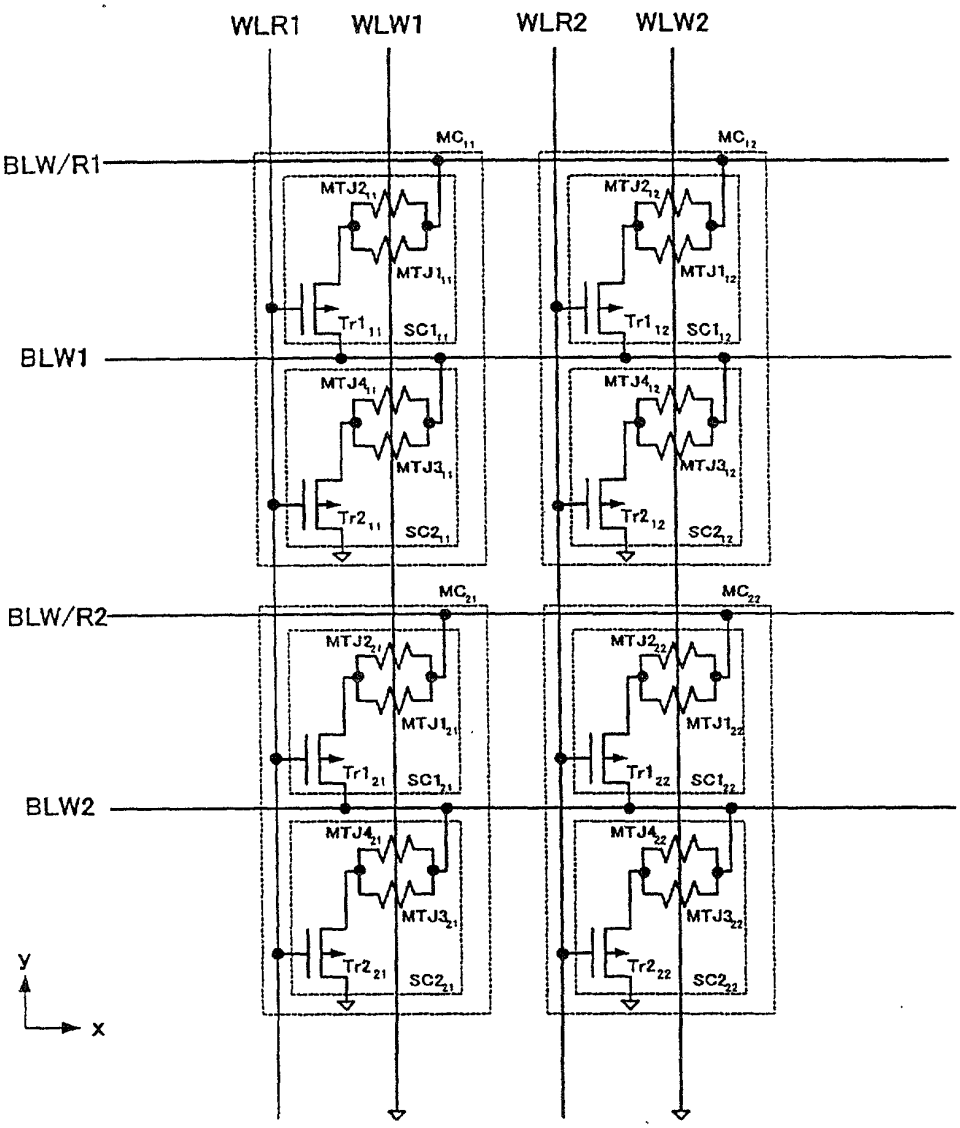


Figure 2 a

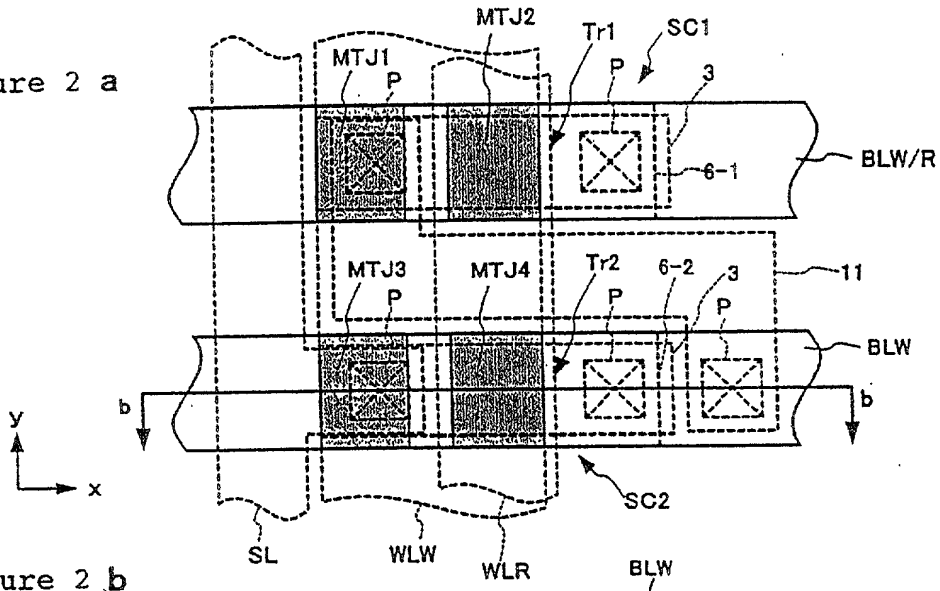


Figure 2 b

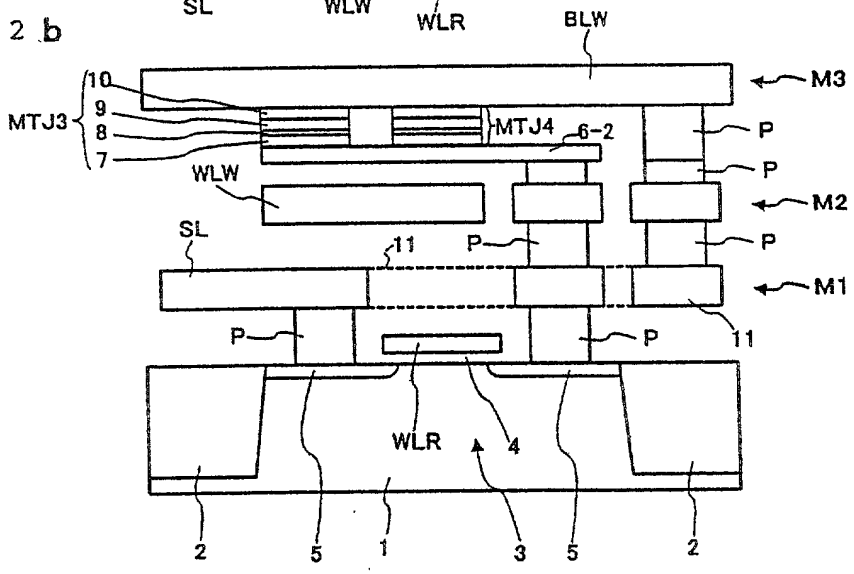


Figure 3

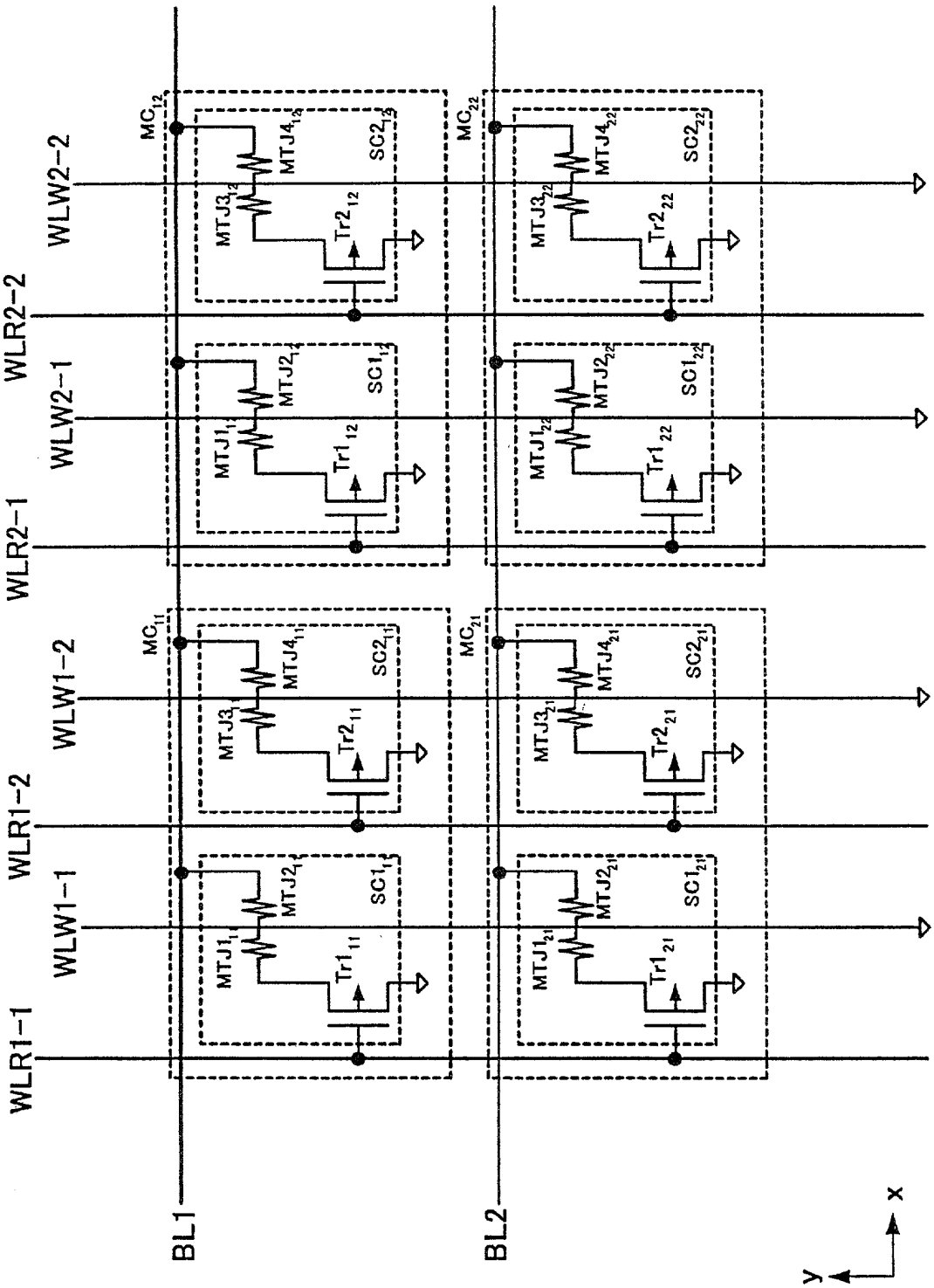

WLR1-1
WLW1-1
WLR1-2
WLW1-2
WLR2-1
WLW2-1
WLR2-2
WLW2-2
BL1
BL2
MC11
MC12
MC21
MC22
MTJ1
MTJ2
MTJ3
MTJ4
SC1
SC2
Tr1
Tr2
y
x

Figure 4

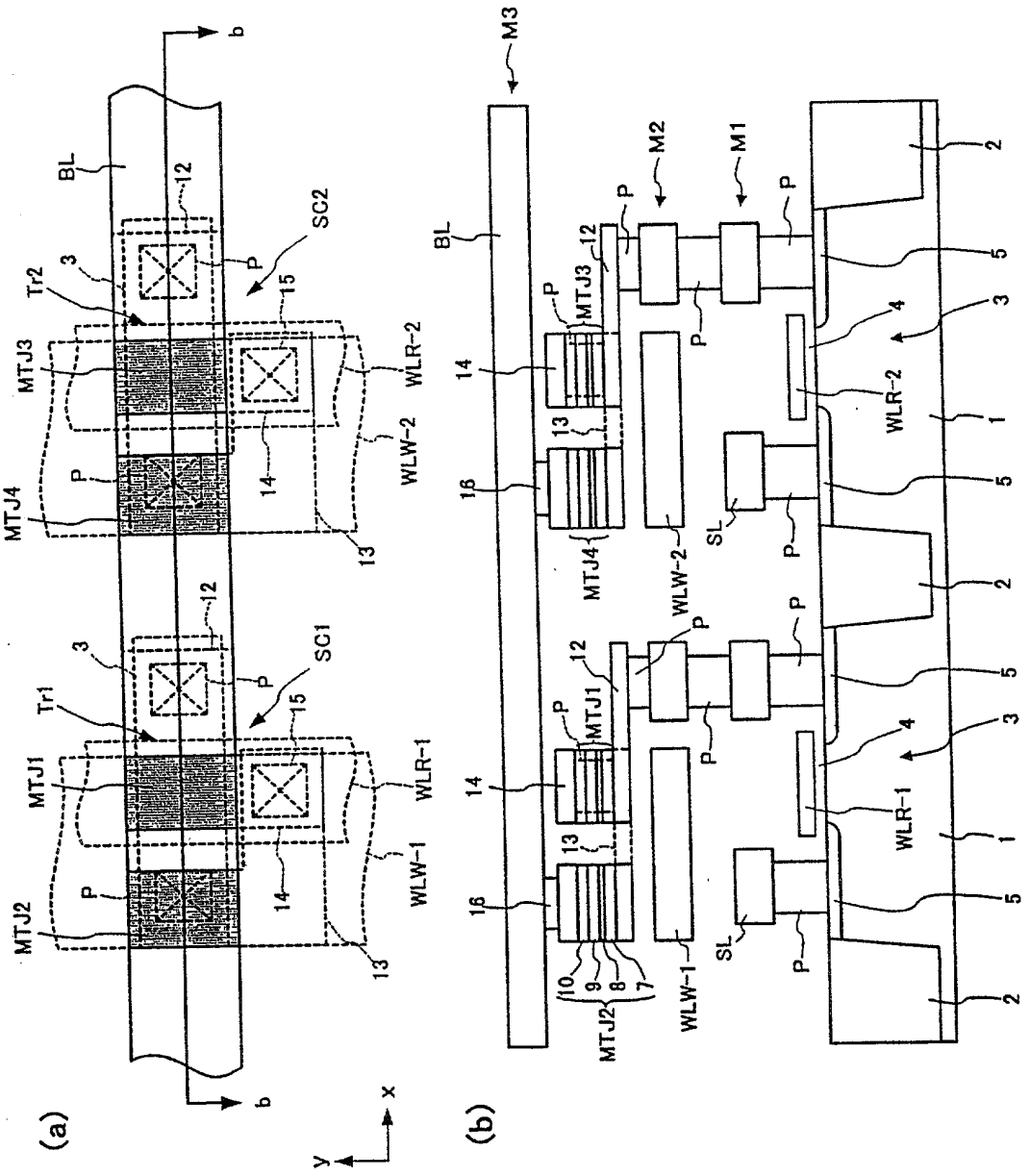

(a)
(b)
BL
M3
M2
M1
WLR-1
WLR-2
WLW-1
WLW-2
SC1
SC2
Tr1
Tr2
MTJ1
MTJ2
MTJ3
MTJ4
SL
P
x
y
b

Figure 5

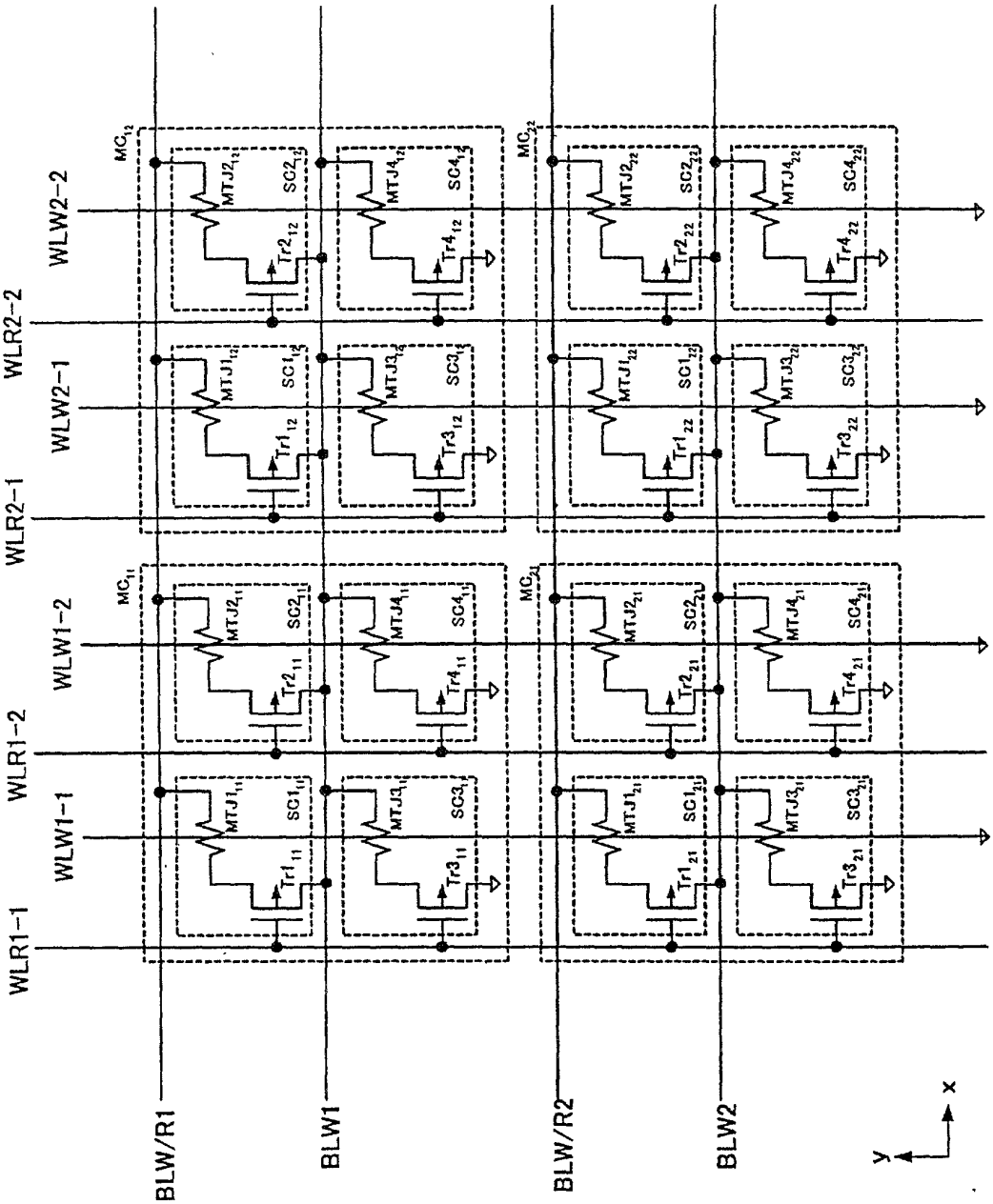

WLR1-1
WLW1-1
WLR1-2
WLW1-2
WLR2-1
WLW2-1
WLR2-2
WLW2-2
BLW/R1
BLW1
BLW/R2
BLW2
y
x

Figure 6

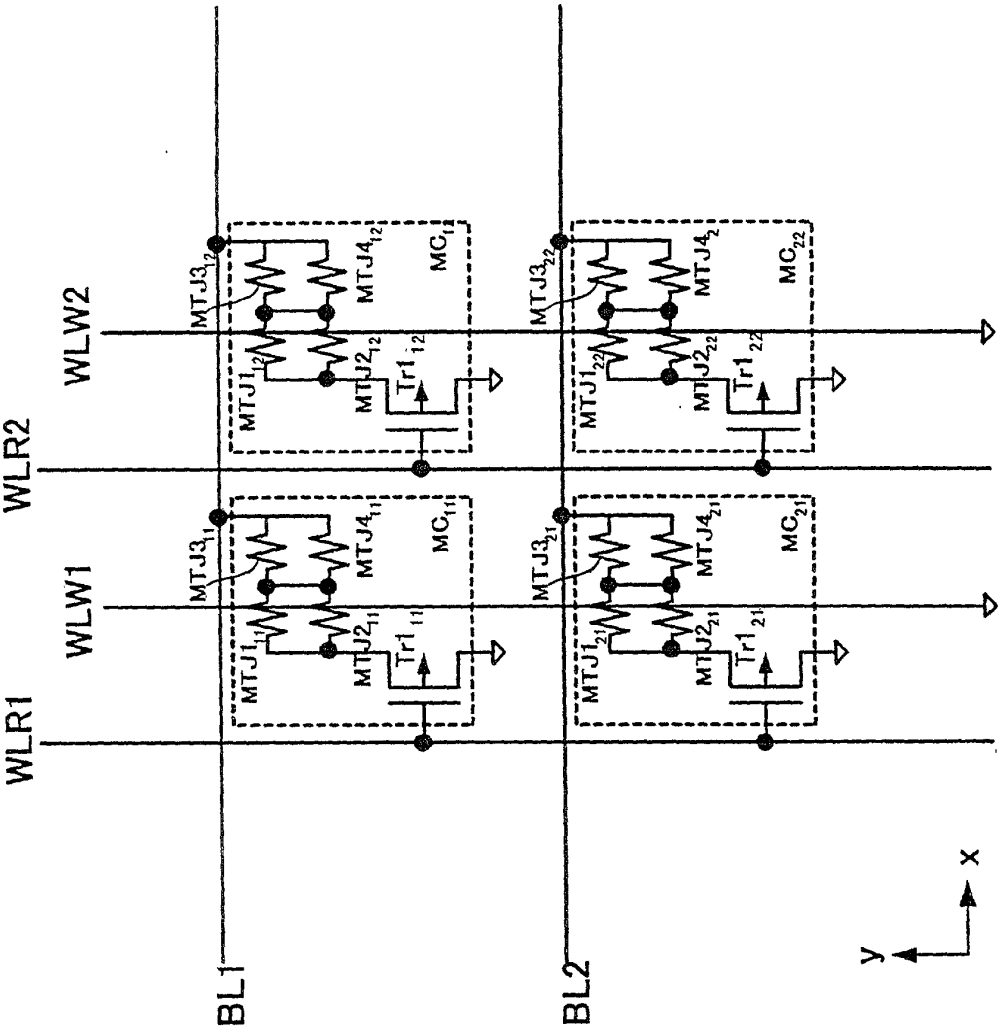

WLR1
WLW1
WLR2
WLW2
BL1
BL2
MTJ3$_{11}$
MTJ4$_{11}$
MC$_{11}$
MTJ1$_{11}$
MTJ2$_{11}$
Tr1$_{11}$
MTJ3$_{12}$
MTJ4$_{12}$
MC$_{12}$
MTJ1$_{12}$
MTJ2$_{12}$
Tr1$_{12}$
MTJ3$_{21}$
MTJ4$_{21}$
MC$_{21}$
MTJ1$_{21}$
MTJ2$_{21}$
Tr1$_{21}$
MTJ3$_{22}$
MTJ4$_{22}$
MC$_{22}$
MTJ1$_{22}$
MTJ2$_{22}$
Tr1$_{22}$
x
y

Figure 7

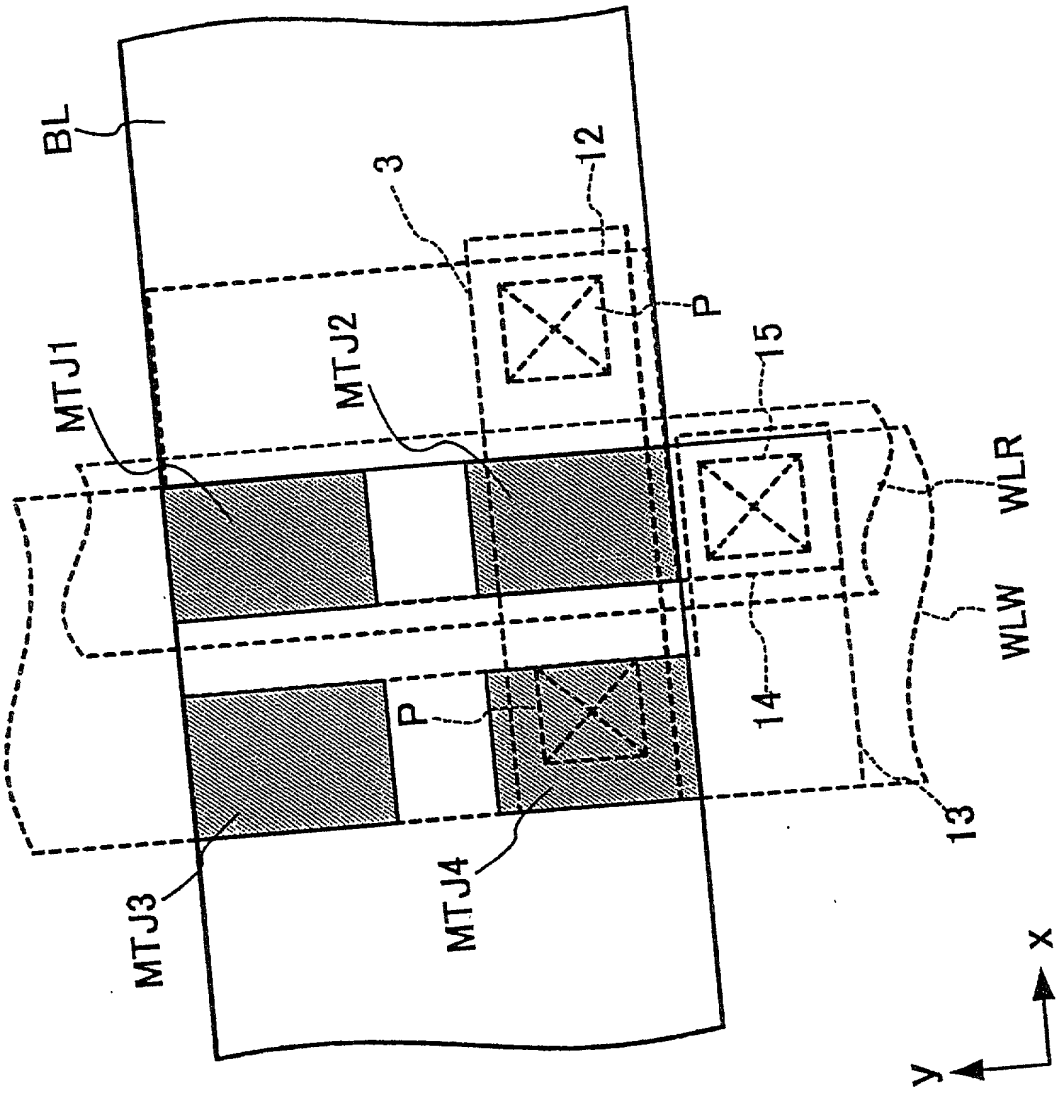
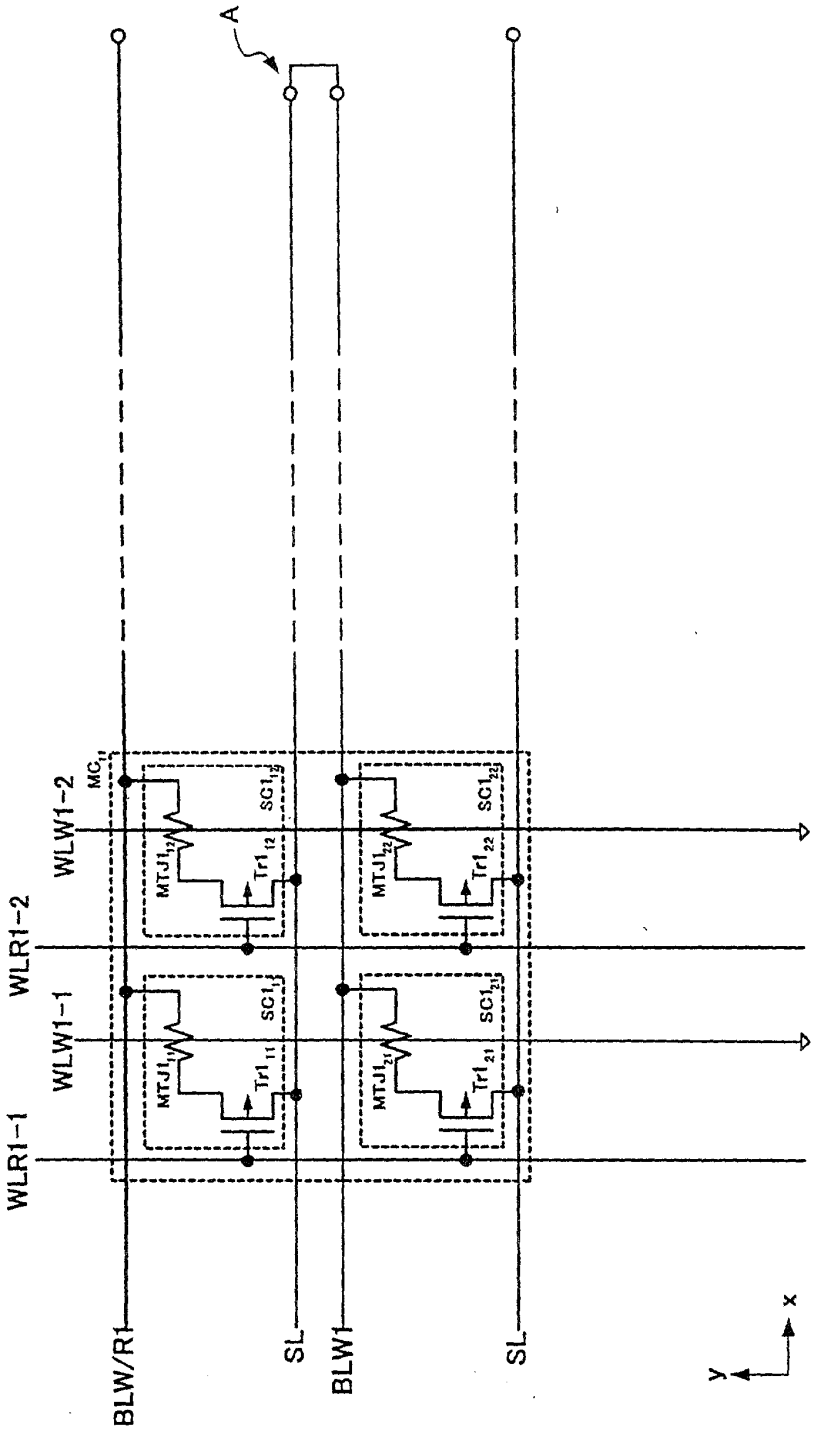


Figure 8


A
WLR1-1
WLW1-1
WLR1-2
WLW1-2
MC11
MTJ111
Tr111
SC111
MTJ121
Tr121
SC121
MTJ112
Tr112
SC112
MTJ122
Tr122
SC122
BLW/R1
SL
BLW1
SL
x
y